

PATENT

Atty. Dkt. No. ROC920010109US1

MPS Ref. No.: IBMK10109

LISTING OF THE CLAIMS:

1. (Previously Presented) A method of operating a computerized system to provide computer recommendation information for a plurality of computers, comprising:
generating an operation profile for a computer using machine performance information specific to the computer, wherein the operation profile indicates at least a usage trend for the computer;
determining projected requirements for at least one computer system solution based on the usage trend for the computer; and
generating a recommendation for the at least one computer system solution which satisfies at least the projected requirements.
2. (Previously Presented) The method of claim 1, further comprising, prior to generating the operation profile, receiving, at first timed intervals, the machine performance information from the computer via a network connection, wherein the machine performance information is collected at second timed intervals, shorter than the first timed intervals, by the computer.
3. (Previously Presented) The method of claim 1, wherein generating the recommendation comprises processing system requirements specifications reflecting a desired future use of the computer.
4. (Original) The method of claim 1, wherein generating the recommendation comprises returning web based content to a web client.
5. (Original) The method of claim 1, further comprising receiving a purchase order for the at least one computer system solution.
6. (Original) The method of claim 1, further comprising allowing a user to iteratively modify the recommendation.

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7. (Previously Presented) The method of claim 1, wherein generating the recommendation comprises processing system requirements specifications selected by a user from a plurality of system options available at a network address.
8. (Original) The method of claim 7, wherein the plurality of system options are provided by a plurality of third party solution providers.
9. (Original) The method of claim 1, further comprising configuring the at least one computer system solution to indicate system specifications and a price.
10. (Previously Presented) The method of claim 9, further comprising:
providing product options and associated prices to a user for selection;
receiving a product option selection from the user for at least one of the product options; and
outputting a starting configuration for the at least one computer system solution.
11. (Original) The method of claim 10, further comprising:
receiving a configuration selection from the user to modify the starting configuration;
determining whether the configuration selection is valid; and
if so, producing a configured system viewable by the user.
12. (Original) The method of claim 11, further comprising receiving a purchase order for the configured system.
13. (Original) The method of claim 1, further comprising allowing a user to modify the recommendation to produce a modified computer system solution.
14. (Original) The method of claim 13, further comprising:
configuring the modified computer system solution to indicate system specifications and a price; and

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receiving a purchase order for the configured modified computer system solution.

15. (Original) The method of claim 14, further comprising receiving a purchase order for the modified computer system solution.

16. (Previously Presented) A method of operating a computerized system to provide computer recommendation information for a plurality of computers, comprising:

- receiving machine performance information for the plurality of computers;
- storing the machine performance information to a history database;
- generating an operation profile for each computer using machine performance information specific to the respective computer, wherein the operation profile indicates at least a history profile and a usage trend for the respective computer;
- receiving system requirements specifications reflecting workload requirements for the respective computer not accounted for in the machine performance information;
- determining projected requirements for at least one computer system solution based on the history profile, the usage trend of the plurality of computers and the received specification for the computer; and
- generating a recommendation for the at least one computer system solution which satisfies the projected requirements.

17. (Original) The method of claim 16, wherein generating the recommendation comprises returning web based content to a web client.

18. (Previously Presented) The method of claim 16, wherein the history database is operated by one of a manufacturer of the computers and a seller of the computers.

19. (Original) The method of claim 16, further comprising allowing a user to iteratively modify the recommendation to produce a modified computer system solution.

20. (Original) The method of claim 16, further comprising:

- providing product options and associated prices to a user for selection;

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receiving a product option selection from the user for at least one of the product options; and

outputting a starting configuration for the at least one computer system solution.

21. (Original) The method of claim 20, further comprising:
receiving a configuration selection from the user to modify the starting configuration;
determining whether the configuration selection is valid; and
if so, producing a configured system output viewable by the user.
22. (Original) The method of claim 16, further comprising configuring the at least one computer system solution to indicate system specifications and a price.
23. (Original) The method of claim 22, further comprising receiving a purchase order for the modified computer system solution.
24. (Original) The method of claim 16, further comprising allowing a user to modify the recommendation to produce a modified computer system solution.
25. (Original) The method of claim 24, further comprising determining a price for the modified computer system solution.
26. (Original) The method of claim 25, receiving a purchase order for the modified computer system solution.
27. (Previously Presented) A system for generating recommendation information for computer devices, comprising:
a machine information collection system configured to receive machine performance information for a plurality of computers;
a history database containing statistical information generated using the machine performance information; and

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a system sizer configured to determine projected requirements for at least one computer system solution based on the statistical information and to produce system recommendations which satisfy the projected requirements.

28. (Previously Presented) The system of claim 27, wherein the system sizer is further configured to produce system recommendations using user input.

29. (Original) The system of claim 27, further comprising an order tool configured to process orders for the users for a suggested system satisfying the recommendations.

30. (Original) The system of claim 27, wherein the machine information collection system, the history database and the system sizer are operated by a supplier of computer devices and the plurality of computers are operated by customers of the supplier.

31. (Previously Presented) The system of claim 27, further comprising storage space containing third party solutions for display to the users and accessible to the system sizer, wherein the third party solutions are utilized to produce the system recommendations.

32. (Original) The system of claim 27, further comprising a network connection to the plurality of computers.

33. (Original) The system of claim 27, further comprising a web server having a network connection to the plurality of computers and configured to provide the statistical information and the system recommendations to requestors.

34. (Original) The system of claim 27, wherein the statistical information indicates usage trends for system resources of the plurality of computers.

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35. (Original) The system of claim 27, further comprising a tool configured to determine a price and a valid configuration for a system satisfying the system recommendations.

36. (Previously Presented) The system of claim 27, further comprising:
a comparison tool configured to allow users to compare product line options capable of satisfying the system recommendations; and
a configuration tool configured to receive feature selections from the users and determine a valid configuration for a system satisfying the system recommendations.

37. (Original) The system of claim 36, further comprising an order tool configured to process orders from the users for the system.

38. (Previously Presented) A system for generating recommendation information for computer devices, comprising:
a network connection to a network of computers; and
a system sizer configured to determine projected requirements for at least one computer system solution based on statistical information of machine performance information of the computers and at least one of user input information and third-party solutions and to produce system recommendations which satisfy the projected requirements.

39. (Original) The system of claim 38, wherein the statistical information indicates usage trends for system resources of the plurality of computers.

40. (Original) The system of claim 38, further comprising a tool configured to determine a price and a valid configuration for a system satisfying the system recommendations.

41. (Original) The system of claim 38, further comprising an order tool configured to process orders for a suggested system satisfying the system recommendations.

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42. (Original) The system of claim 38, further comprising:
a machine information collection system configured to receive machine information for a plurality of computers; and
a history database containing statistical information generated using the machine information.
43. (Original) The system of claim 41, wherein the machine information collection system, the history database and the system sizer are operated by a supplier of computer devices and the plurality of computers are operated by customers of the supplier.
44. (Previously Presented) The system of claim 38, further comprising:
a comparison tool configured to allow users to compare product line options capable of satisfying the system recommendations; and
a configuration tool configured to receive feature selections from the users and determine a valid configuration for a system satisfying the system recommendations.
45. (Original) The system of claim 44, further comprising an order tool configured to process orders from the users for the system.
46. (Previously Presented) A method for providing computer purchasing recommendations for a plurality of computers, comprising:
receiving, from the Internet, a plurality of summaries of machine performance data for each of the plurality of computers, wherein the plurality of summaries of machine performance data were created by respective ones of the plurality of computers using machine performance data recorded by the respective computer;
recording the plurality of summaries of machine performance in a machine performance history;
using the machine performance history to determine projected resource requirements for the plurality of computers;

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using the projected resource requirements to make computer purchasing recommendations for purchase of computer systems that satisfy the projected resource requirements; and

receiving purchase orders for the computer systems by requests sent across the Internet.